## **CLAIMS**

- 1. A method for caching an active computing environment comprising: obtaining one or more processes in said active computing environment; determining a state of said active computing environment; and caching said processes and said state.
- 2. The method of claim 1 wherein said step of caching further comprises: relocating said active computing environment to a new location.
- 3. The method of claim 2 wherein said step of relocating further comprises: halting said active computing environment.

  re-starting said active computing environment in said new location using said state.
- 4. The method of claim 1 wherein said state comprises an inter-process communication (IPC) state.
  - 5. The method of claim 1 wherein said state comprises a virtual memory state.
  - 6. The method of claim 1 wherein said state comprises a device state.
  - 7. The method of claim 1 wherein said state comprises a file system state.

- 8. The method of claim 1 wherein said state comprises a central processing unit state.
- A cache for an active computing environment comprising:
   one or more processes;

a state interface configured to determine a state of said one or more processes wherein said state and said one or more processes comprise said active computing environment; and a cache configured to store said active computing environment.

- 10. The cache of claim 9 wherein said cache resides in a new location.
- 11. The cache of claim 10 further comprising:

  a halter configured to halt said processes in an old location; and

  a re-starter configured to re-start said processes in said new location.
- 12. The cache of claim 9 wherein said state comprises an inter-process communication (IPC) state.
  - 13. The cache of claim 9 wherein said state comprises a virtual memory state.
  - 14. The cache of claim 9 wherein said state comprises a device state.
  - 15. The cache of claim 9 wherein said state comprises a file system state.
  - 16. The cache of claim 9 wherein said state comprises a central processing unit state.

## 17. A computer program product comprising:

a computer usable medium having computer readable program code embodied therein configured to cache an active computing environment, said computer program product comprising:

computer readable code configured to cause a computer to obtain one or more processes in said active computing environment;

computer readable code configured to cause a computer to determine a state of said active computing environment;

computer readable code configured to cause a computer to cache said active computing environment.

18. The computer program product of claim 17 wherein said computer readable code configured to cause a computer to cache further comprises:

computer readable code configured to cause a computer to relocate said active computing environment to a new location.

19. The computer program product of claim 18 wherein said computer readable code configured to cause a computer to relocate further comprises:

computer readable code configured to cause a computer to halt said active computing environment;

computer readable code configured to cause a computer to re-start said active computing environment in said new location using said state.

- 20. The computer program product of claim 17 wherein said state comprises an interprocess communication (IPC) state.
- 21. The computer program product of claim 17 wherein said state comprises a virtual memory state.
- 22. The computer program product of claim 17 wherein said state comprises a device state.
- 23. The computer program product of claim 17 wherein said state comprises a file system state.
- 24. The computer program product of claim 17 wherein said state comprises a central processing unit state.